

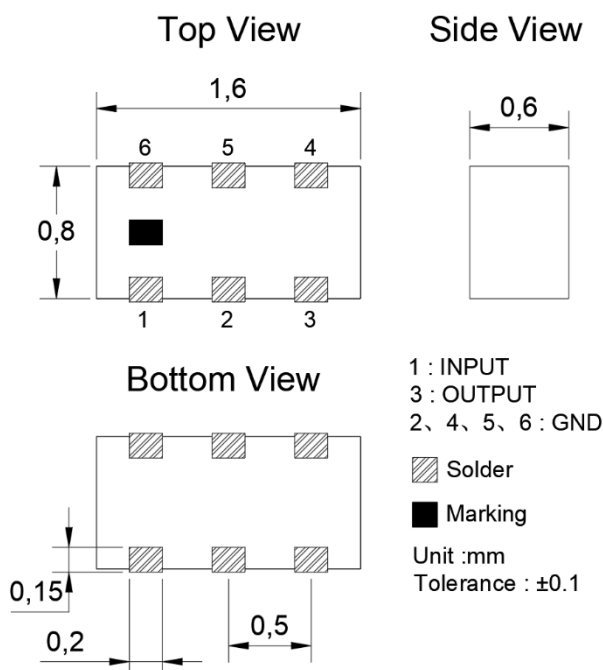
Features

- Multilayer monolithic construction yields high reliability
- Low insertion loss and small size SMD chip design
- Can simplify your complex tuning and circuit design
- LTCC process

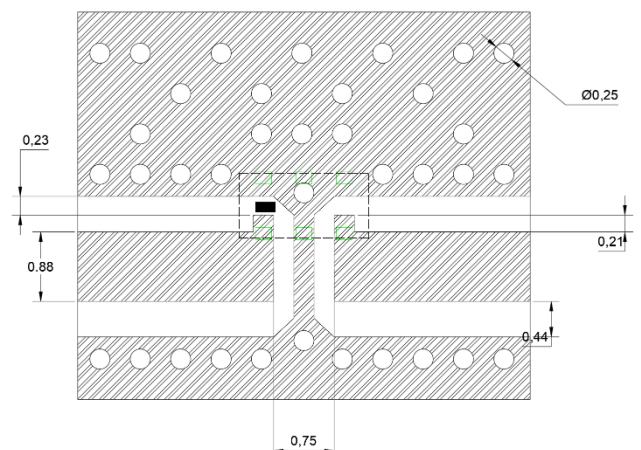
Specifications

NO.	Parameter	Frequency (MHz)	SPEC		
			Min.	Typ.	Max.
1	Insertion Loss (dB) 25°C	7200-9000	/	2.0	/
		9000-15000	/	1.0	2
		15000-20000	/	1.8	/
2	Return loss (dB)	7200-9000	/	13	/
		9000-15000	/	9	/
		15000-20000	/	8	/
3	Attenuation (dB)	DC-4200	38	44	/
		4200-5200	25	42	/
		6800	/	3	/
4	In/Output Impedance (Ω)	50			
Operating & Storage Condition (Component) Operation Temperature Range: -40℃ ~ +85℃ Storage Temperature Range: -40℃~ +85℃					
Storage Condition before Soldering (Included packaging material) Storage Temperature Range: +5 ~ +40 ℃ Humidity: 30 to 70% relative humidity					

Construction&Dimensions



Mounting Considerations



Unit: mm
 Line width to be designed to match 50 Ω characteristic impedance, depending on PCB material and thickness
 Coplanar waveguide parameters are shown for RO4350B (DK 3.48) with dielectric thickness 0.42mm

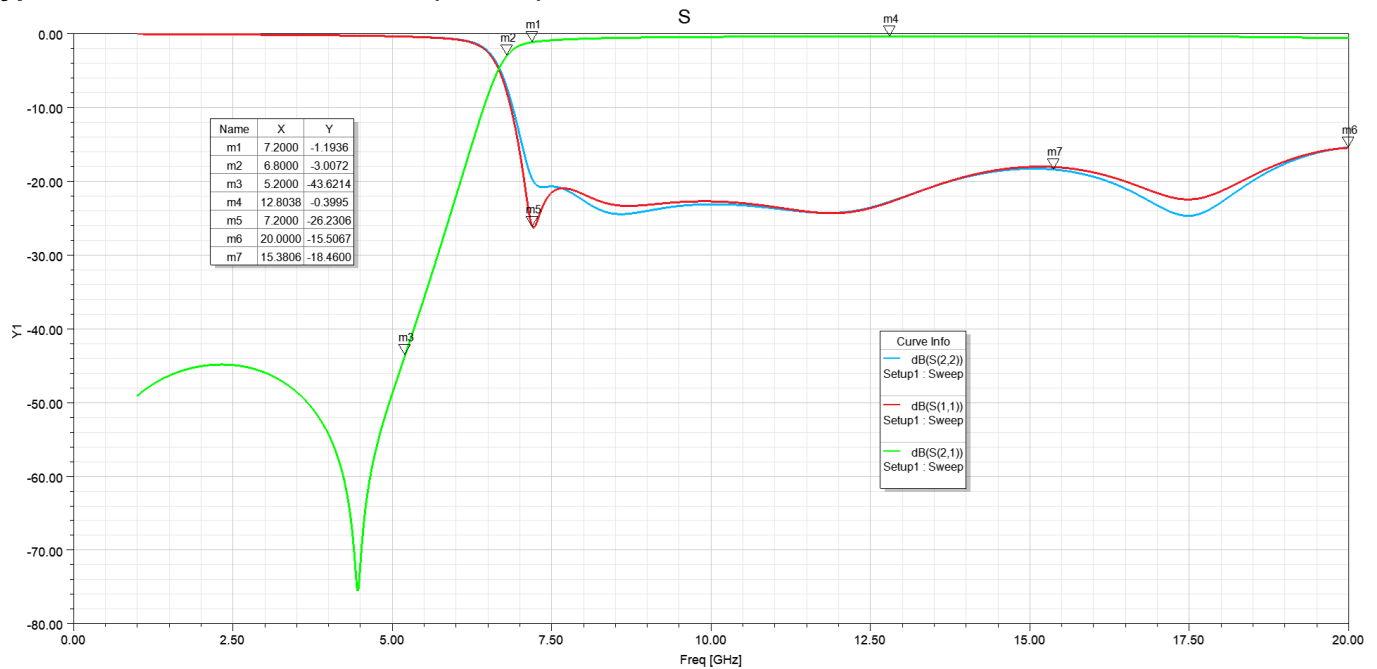
Yantel Corporation

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For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com

Typical Electrical Characteristics (T=25°C)



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